

Bovine Serum – Session V

DISCUSSION PANEL

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Viral Issues

Which viruses might be present ?

Which are zoonotic ?

Which can grow in your cell culture ?

Viruses of potential concern

- bovine polyoma
- bovine herpes types
- bovine leukaemia
- bovine circo
- Cache Valley
- WNV
- porcine circo

BVDV and antibodies

- Quantification of BVDV
- Inactivation levels
- Abs: marker of infection?
 adulteration of foetal?
- How assess Ab vs. virus?

Bovine polyoma virus

- PCR vs. infectivity
- inactivation data?

Effects of BSE in USA/Canada

- validation of alternative source
- use on new born calf
- use of equine serum (viruses ?)

Acceptability of contaminated serum

- after e.g. gamma irradiation
- re-test ?
- should it be used ?
- effect on virus on cell line ?

Serum free

- should we change
- validating the change
- regulatory issues
- prior exposure to serum
- serum used in cryopreservation